

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

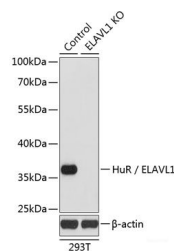
## Description

<b>Reactivity</b>	Human, Mouse
<b>Immunogen</b>	A synthetic peptide of human HuR / ELAVL1 (NP_001410.2).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Applications Recommended Dilution

<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:50-1:200
<b>IF</b>	1:50-1:200

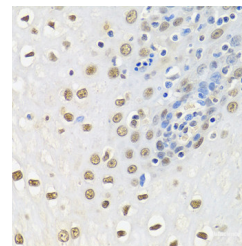
## Data



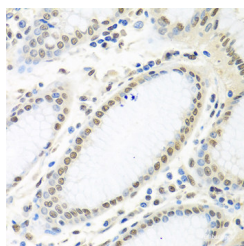
Western blot analysis of extracts from normal (control) and HuR / ELAVL1 knockout (KO) 293T cells using HuR / ELAVL1 Polyclonal Antibody at dilution of 1:1000.

**Observed Mw: 36kDa**

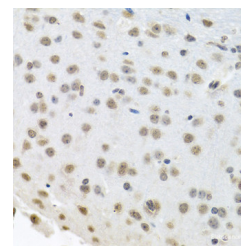
**Calculated Mw: 36kDa/38kDa**



Immunohistochemistry of paraffin-embedded Human esophagus using HuR / ELAVL1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human stomach using HuR / ELAVL1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse brain using HuR / ELAVL1 Polyclonal Antibody at dilution of 1:100 (40x lens).

## For Research Use Only

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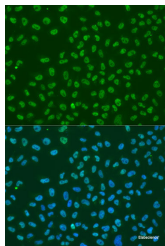
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Immunofluorescence analysis of U2OS cells using HuR / ELAVL1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

The protein encoded by this gene is a member of the ELAVL family of RNA-binding proteins that contain several RNA recognition motifs, and selectively bind AU-rich elements (AREs) found in the 3' untranslated regions of mRNAs. AREs signal degradation of mRNAs as a means to regulate gene expression, thus by binding AREs, the ELAVL family of proteins play a role in stabilizing ARE-containing mRNAs. This gene has been implicated in a variety of biological processes and has been linked to a number of diseases, including cancer. It is highly expressed in many cancers, and could be potentially useful in cancer diagnosis, prognosis, and therapy.

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